

IN THE SPECIFICATION

Please replace the paragraph appearing on Page 5, line 27 to page 6, line 10, with the following amended paragraph:

It shall be noted that such a modulated transmultiplexer structure, providing transmission of an offset modulated multicarrier signal is highly different from the structures of prior art transmultiplexers. Indeed, known schemes of transmultiplexers have decimation-expansion factors ~~less~~ more than or equal to the number of implemented sub-bands as described, for example, in the textbook "Wavelets and Filter Banks" of G.Strand and T.Nguyen (Wellesley Cambridge Press, Wellesley, MA, USA - 1996). On the other hand, with the approach of the invention consisting of implementing on each of the branches of the filter banks, filtering means derived from a predetermined prototype modulation function, a number of sub-bands may be obtained which is larger than (double) the expansion and decimation factor.